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APR 12 2005

**PATENT**

Applicant: Santiago, Miguel  
Serial No.: 10/774,705  
Filed: February 9, 2004  
Title: **SPRINKLER SYSTEM**  
Examiner: Barney, Seth E.  
Group Art Unit: 3752  
Atty Docket No.: 1506-319

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

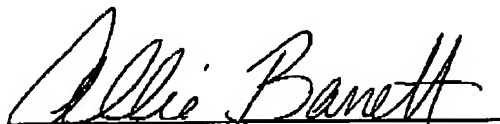
**CERTIFICATE OF FACSIMILE TRANSMISSION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that the following papers are being facsimile transmitted to the U.S. Patent and Trademark Office [facsimile number (703) 872-9306] on the date shown below.

1. Amendment (15 pgs); and
2. Patent Application Fee Determination Record (2 pgs).

April 12, 2005



Allie Barrett  
Assistant to James W. Inskeep, Esq.  
(Reg. No. 33,910)

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Customer No.: 37,374

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INSKEEP IP GROUP INC

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NO. 9245 P. 2

APR 12 2005

**PATENT**

**CERTIFICATE OF FACSIMILE**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on April 12, 2005.

  
Allie Barrett

Applicant: Santiago, Miguel  
Serial No.: 10/774,705  
Filed: February 9, 2004  
Title: SPRINKLER SYSTEM  
Group Art Unit: 3752  
Examiner: Barney, Seth E.  
Docket No.: 1506-319

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed January 12, 2005, please consider the following discussion regarding the above-identified application as follows:

The **Amendments to the Claims** are included in the **Listing of the Claims** which begins on page 2 of this paper.

The **Remarks** begin on page 10 of this paper.

The **Conclusion** begins on page 15 of this paper.

7693v1

PTO/SB/08 (12-04)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD					Application or Docket Number <b>1506-319</b>	
Substitute for Form PTO-875						
<b>APPLICATION AS FILED – PART I</b>						
(Column 1)		(Column 2)		SMALL ENTITY		OR
OTHER THAN SMALL ENTITY						
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A		N/A	770
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A	N/A		N/A	
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(l))	35 minus 20 =	15	X	=	X 18 =	234
INDEPENDENT CLAIMS (37 CFR 1.16(h))	10 minus 3 =	7	X	=	X 86 =	602
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).					
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			N/A		N/A	
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		TOTAL	1606
<b>APPLICATION AS AMENDED – PART II</b>						
(Column 1)		(Column 2)		SMALL ENTITY		OR
OTHER THAN SMALL ENTITY						
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)
Total (37 CFR 1.16(i))	39 Minus	33	= 6	X	=	X 18 = 108
Independent (37 CFR 1.16(j))	12 Minus	10	= 2	X	=	X 86 = 176
Application Size Fee (37 CFR 1.16(s))						
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			N/A		N/A	
			TOTAL ADD'L FEE		TOTAL ADD'L FEE	284.00
(Column 1)		(Column 2)		SMALL ENTITY		OR
OTHER THAN SMALL ENTITY						
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)
Total (37 CFR 1.16(i))	10 Minus	39	= 0	X	=	X
Independent (37 CFR 1.16(j))	3 Minus	12	= 0	X	=	X
Application Size Fee (37 CFR 1.16(s))						
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))			N/A		N/A	
			TOTAL ADD'L FEE		TOTAL ADD'L FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/06 (12-04)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b>						Application or Docket Number <b>150a-319</b>	
Substitute for Form PTO-675							
<b>APPLICATION AS FILED – PART I</b>							
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)	RATE (\$)	FEE (\$)	
BASIC FEE (37 CFR 1.18(a), (b), or (c))	N/A	N/A	N/A		N/A		
SEARCH FEE (37 CFR 1.18(h), (i), or (m))	N/A	N/A	N/A		N/A		
EXAMINATION FEE (37 CFR 1.18(o), (p), or (q))	N/A	N/A	N/A		N/A		
TOTAL CLAIMS (37 CFR 1.18(j))	minus 20 =	-	X	=	X	=	
INDEPENDENT CLAIMS (37 CFR 1.18(h))	minus 3 =	-	X	=	X	=	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.18(j))			N/A		N/A		
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL		TOTAL		
<b>APPLICATION AS AMENDED – PART II</b>							
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(g))	32	Minus	39 =	X	=	X	=
Independent (37 CFR 1.16(h))	9	Minus	12 =	X	=	X	=
Application Size Fee (37 CFR 1.16(s))							
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(j))				N/A		N/A	
				TOTAL		TOTAL	
				ADD'L FEE		ADD'L FEE	
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY	
AMENDMENT D	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	RATE (\$)	ADDITIONAL FEE (\$)
Total (37 CFR 1.16(g))	-	Minus	=	X	=	X	=
Independent (37 CFR 1.16(h))	-	Minus	=	X	=	X	=
Application Size Fee (37 CFR 1.16(s))							
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(j))				N/A		N/A	
				TOTAL		TOTAL	
				ADD'L FEE		ADD'L FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.							

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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